

DOCUMENT RESUME

ED 065 980

EC 042 907

TITLE Statistical Report of Division of Services to Crippled Children.

INSTITUTION Michigan State Dept. of Public Health, Detroit.

SPONS AGENCY Department of Health, Education, and Welfare, Washington, D.C. Maternal and Child Health Services.

PUB DATE [71]

NOTE 26p.

EDRS PRICE MF-\$0.65 HC-\$3.29

DESCRIPTORS *Exceptional Child Research; *Handicapped Children; Hospitals; Medical Research; *Medical Treatment; Services; *Statistical Data

IDENTIFIERS *Michigan

ABSTRACT

Reported were statistics on treatment and followup services to be arranged from public and private sources for crippled children for fiscal years 1969-1970 and 1970-1971 in the state of Michigan. The state is said to have 50,535 known cases of crippled children. Eleven tables provided data on the number of crippled children in Michigan by county; crippled children provided diagnostic examinations and recommendations for treatment at Division of Services to Crippled Children field clinics; state register of crippled children by age groups; primary crippling conditions found in children on state register of crippled children; expenditures by diagnostic groups and conditions for medical care and treatment; total expenditures by hospital of number of cases and days of care for all medical care and treatment; in-patient expenditures by hospitals for hospital services, braces and appliances, and professional services; expenditures for out-patient services; expenditures for orthopedic appliances, prosthetic devices, and braces; and comparative analysis of 20 years of hospital service, respectively. (CB)

ED 065980

Statistical Report
of
DIVISION OF SERVICES TO CRIPPLED CHILDREN

1969-1970 and 1970-1971



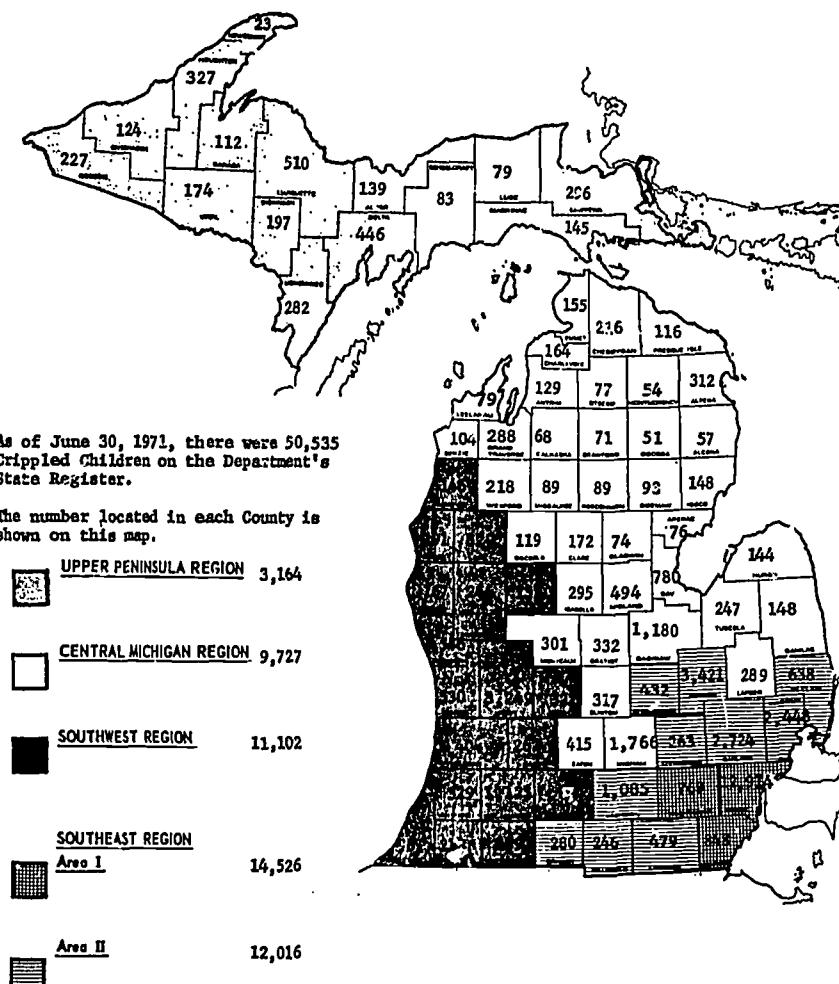
STATE OF MICHIGAN
WILLIAM G. MILLIKEN, *Governor*

MICHIGAN DEPARTMENT OF PUBLIC HEALTH
MAURICE S. REIZEN, M.D.
Director

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRO-
DUCED EXACTLY AS RECEIVED FROM
THE PERSON OR ORGANIZATION ORIG-
INATING IT. POINTS OF VIEW OR OPIN-
IONS STATED DO NOT NECESSARILY
REPRESENT OFFICIAL POSITION OR POLICY

EC 042 701C



MICHIGAN DEPARTMENT OF PUBLIC HEALTH

**Statistical Report
of
DIVISION OF SERVICES TO CRIPPLED CHILDREN**

**Report of the Services, and Expenditures for
Medical Care of Crippled Children for the Fiscal Years
1969-1970 and 1970-1971**



**STATE OF MICHIGAN
WILLIAM G. MILLIKEN, *Governor***

CRIPPLED CHILDREN'S COMMISSION
ESTHER WEBER, *Chairman*
HELEN BRAKONECKE
CHARLES H. YEATES
EDSKO HEKMAN
JOHN A. VARGO

**DIRECTOR
MAURICE S. REIZEN, M.D.**

FOR E W O R D

The responsibility for services to crippled children as outlined in Act 158 (Crippled Children's Act) of Public Acts of 1937 as amended were transferred from the Crippled Children's Commission to the Michigan Department of Public Health and the program designated as the Division of Services to Crippled Children.

The Division of Services to Crippled Children is responsible for the care and treatment of crippled children whose parents or guardians are financially unable, in whole or in part, to provide such care. The program is financed by state and federal funds. The federal funds include those appropriated under Title V (Maternal and Child Health) of the Social Security Act and Title XIX (Medicaid) of the same act.

This report is prepared and published as required under Section 8 of Act 158 (the Crippled Children's Act) of the Public Acts of 1937 as amended.

MAURICE S. REIZEN, M.D.

INTRODUCTION

The Department of Public Health through the Division of Services to Crippled Children wishes to express its gratitude to hospitals, physicians, public health nurses, private agencies, and local health departments for their cooperation in locating and serving handicapped children. The Division also wishes to thank the Legislature, the Executive office and the Crippled Children's Commission for their support on behalf of the crippled children of Michigan.

The need of financial assistance for medical care fluctuates with the economy of the State, cost of living, the birth rate, and the child population.

There are 50,535 children in Michigan known to the Department of Public Health as having a crippling condition. (See map on inside cover for the distribution by county). The largest single group of crippling conditions reported is congenital in nature, and represents over 43 percent of the total number. Many of the crippled children on the Register do not require financial assistance for hospital care and treatment. The Register provides information on crippled children that enables treatment and follow-up services to be arranged from public and private sources.

R. G. RICE, M.D., *Chief*
Bureau of Maternal and Child Health

TABLE OF CONTENTS
1969-1970 and 1970-1971

Table	Page
I Crippled Children in Michigan Number by County (Also See Map on Inside Cover).....	9
II Crippled Children Provided Diagnostic Examinations and Recommendations for Treatment at Division of Services to Crippled Children Field Clinics.....	10
III State Register of Crippled Children By Age Groups.....	11
IV Primary Crippling Conditions Found in Children on State Register of Crippled Children.....	12-13
V Expenditures by Diagnostic Groups and Conditions, for Medical Care and Treatment Provided Crippled Children.....	14-16
VI The Number of Children and Expenditures, By County for Medical Care and Treatment of Crippled Children.....	17-18
VII Total Expenditures, Number of Cases and Days of Care for All Medical Care and Treatment of Crippled Children, by Hospital.....	19-20
VIII In-Patient Expenditures by Hospitals, for Crippled Children; Hospital Services, Braces and Appliances, and Professional Services.....	21-23
IX Expenditures for Out-Patient Services for Crippled Children.....	24-26
X Expenditures for Orthopedic Appliances, Prosthetic Devices, and Braces for Crippled Children.....	27
XI Comparative Analysis of Twenty Years of Hospital Service to Crippled Children.....	28

TABLE I—THE DISTRIBUTION, BY COUNTY OF THE 50,535 CHILDREN WITH CRIPPLING CONDITIONS REGISTERED AS OF JUNE 30, 1971

COUNTY	Number of Crippled Children on Register		COUNTY	Number of Crippled Children on Register	
	June 30, 1971	June 30, 1970		June 30, 1971	June 30, 1970
STATE TOTAL.....	50,535	62,957	Leelanau.....	479	630
Alcona.....	57	74	Livingston.....	263	337
Alger.....	139	184	Lucas.....	79	124
Allegan.....	404	476	Mackinac.....	145	212
Alpena.....	312	404	Macomb.....	2,448	3,097
Antrim.....	129	216	Manistee.....	146	226
Arenac.....	76	105	Marquette.....	510	652
Baraga.....	112	192	Mason.....	191	291
Barry.....	262	332	Mecosta.....	132	161
Bay.....	780	917	Menominee.....	282	389
Beauregard.....	104	196	Midland.....	494	610
Berrien.....	961	1,127	Missaukee.....	89	209
Branch.....	280	310	Monroe.....	843	1,082
Calhoun.....	963	1,365	Montcalm.....	301	397
Cass.....	214	276	Montmorencay.....	54	81
Charlevoix.....	164	258	Muskegon.....	1,546	1,770
Cheboygan.....	216	290	Newaygo.....	244	355
Chippewa.....	296	427	Oakland.....	2,734	3,174
Clare.....	172	206	Oceana.....	167	217
Clinton.....	317	409	Ogemaw.....	93	120
Crawford.....	71	137	Ontonagon.....	124	234
Delta.....	446	609	Osceola.....	119	128
Dickinson.....	197	262	Oscooda.....	51	82
Eaton.....	415	461	Otsego.....	77	109
Emmet.....	155	181	Ottawa.....	530	561
Genesee.....	3,421	3,762	Presque Isle.....	116	181
Gladwin.....	74	94	Roscommon.....	89	161
Gogebic.....	227	416	Saginaw.....	1,180	1,655
Grand Traverse.....	288	434	St. Clair.....	638	886
Gratiot.....	332	496	St. Joseph.....	239	275
Hillsdale.....	246	306	Sanilac.....	148	171
Houghton.....	327	513	Schoolcraft.....	93	138
Huron.....	144	189	Shiawassee.....	472	595
Ingham.....	1,766	2,132	Tuscola.....	247	276
Ionia.....	322	407	Van Buren.....	329	390
Iosco.....	148	173	Washtenaw.....	769	994
Iron.....	174	272	Wayne.....	12,914	14,951
Isabella.....	295	339	Wexford.....	218	403
Jackson.....	1,085	1,260			
Kalamazoo.....	1,121	1,394			
Kalkaska.....	68	125			
Kent.....	3,239	4,138			
Keweenaw.....	23	37			
Lake.....	82	258			
Lapeer.....	289	332			
Leelanau.....	79	138			

TABLE II—THE DIVISION OF SERVICES TO CRIPPLED CHILDREN PROVIDED DIAGNOSTIC EXAMINATIONS FOR 1,076 CHILDREN AT 38 FIELD CLINICS IN 1970-1971

The Division of Services to Crippled Children staff arranges for and organizes field clinics in the various counties throughout the State. The examinations are conducted by specialists who determine the diagnosis and recommended treatment. The Division consultants, working with the Local Health Departments' staff, follow up on the field clinic recommendations to assist the child and his parents in arranging for the necessary treatment.

COUNTY	Number of Children Examined		Towns in Which Clinics Were Held	
	1969-70	1970-71	1969-70	1970-71
TOTALS.....	1,341	1,076	45	38
Alcona.....	4	3		
Alger.....	15	9		
Allegan.....	1			
Alpena.....	39	20	Alpena.....	Alpena.....
Antrim.....	3	..		
Baraga.....	22	10		
Bay.....	1	..		
Benzie.....	6	3	Frankfort.....	
Berrien.....	3			
Branch.....	141	36	(7) Coldwater.....	(2) Coldwater.....
Calhoun.....	3	1		
Charlevoix.....	68	1	Beaver Island.....	
Chesaning.....	5	8		
Chippewa.....	23	36	S. S. Mario.....	S. S. Mario.....
Clare.....	1	..		
Clinton.....	1	6		
Crawford.....	9	11	Grayling.....	Grayling.....
Delta.....	102	181	(3) Escanaba.....	(7) Escanaba.....
Dickinson.....	19	17		
Eaton.....	..	2		
Emmet.....	1	..		
Genesee.....	13	22	Flint.....	Flint.....
Gladwin.....		1		
Gogebic.....	17	18		
Grand Traverse.....	5	4	Traverse City.....	
Gratiot.....	..	29		
Houghton.....	88	57	(3) Hancock.....	(2) Hancock.....
Huron.....	31	25	(2) Bad Axe.....	Bad Axe.....
Ingham.....	1	19		Lansing
Iosco.....	4	1		
Iron.....	8	16		
Isabella.....		4		Mt. Pleasant
Kalamazoo.....	1	1		
Kalkaska.....	4	9		
Kent.....	2	1		
Keweenaw.....	6	5		
Lapeer.....		3		
Lenawee.....	3	..		
Luce.....	23	9	Newberry.....	Newberry.....
Mackinac.....	34	24	St. Ignace.....	St. Ignace.....
Macomb.....	..	1		
Manistee.....	1			
Marquette.....	49	75	(5) Marquette.....	(5) Marquette.....
Menominee.....	77	82	(2) Menominee.....	(2) Menominee.....
Midland.....	1	7		
Missaukee.....	6	9		
Monroe.....	187	75	(7) Monroe.....	(5) Monroe.....
Montcalm.....		7		
Montmorency.....	18	15	Atlanta.....	Atlanta.....
Muskegon.....	2	..		

TABLE II—Concluded

COUNTY	Number of Children Examined		Towns in Which Clinics Were Held	
	1969-70	1970-71	1969-70	1970-71
Newaygo.....	1	1		
Oceana.....	1	1		
Ogemaw.....	8	2		
Ontonagon.....	22	11		
Osceola.....	3	3		
Oscoda.....	3	7		
Otsego.....	4	2		
Presque Isle.....	7	3		
Roscommon.....	3	2		
Saginaw.....	67	82	Saginaw.....	Saginaw.....
St. Clair.....	63	34	(2) Port Huron.....	Port Huron.....
St. Joseph.....	1	1		
Sanilac.....	25	16		
Schoolcraft.....	23	29	Manistique.....	Manistique.....
Shiawassee.....	..	2		
Tuscola.....	13	2		
Van Buren.....	1	..		
Walshenaw.....	1	2		
Wayne.....	26	2	Detroit.....	
Wexford.....	16	15	Cadillac.....	Cadillac.....

TABLE III—REGISTER OF CRIPPLED CHILDREN BY AGE GROUPS

AGE GROUPS	June 30, 1971		June 30, 1970	
	Number of Children	Percent of Total	Number of Children	Percent of Total
TOTALS.....	50,535		62,957	
Total Unreported Age.....	50,535		108	
Total Reported Age.....	50,535	100.0	62,849	100.0
Under One Year of Age.....	251	.5	47	.1
1- 4 Years, Inclusive.....	11,804	23.3	12,205	19.4
5- 9 Years, Inclusive.....	14,007	27.7	18,661	29.7
10-14 Years, Inclusive.....	13,570	16.9	17,500	27.8
15-20 Years, Inclusive.....	10,903	21.6	14,436	23.0

TABLE IV—THE REPORTED DIAGNOSIS OF 50,535 CHILDREN REGISTERED AS BEING CRIPPLED

Note: The groupings are according to the Eighth Revision International Classification of Diseases. The primary diagnoses only are listed.

DIAGNOSTIC GROUPS	June 30, 1971	June 30, 1970
GRAND TOTAL: Children.....	50,535	62,957
GROUP I—Infective and Parasitic Diseases.....	1,317	1,863
1. Late Effects of Poliomyelitis.....	1,278	1,793
2. Tuberculosis of Bones and Joints.....	25	25
3. Late Effects of Tuberculosis of Bones and Joints.....	—	2
4. Other Infectious Diseases.....	14	43
GROUP II—Neoplasms.....	609	1,505
5. Malignant Neoplasms.....	256	222
6. Hodgkin's Disease.....	35	25
7. Leukemias.....	126	111
8. Other Malignant Neoplasms.....	23	25
9. Benign Neoplasms.....	169	1,122
GROUP III—Endocrine, Nutritional and Metabolic Diseases.....	831	778
10. Rickets, Active.....	33	32
11. Late Effects of Rickets.....	53	54
12. Cystic Fibrosis.....	292	295
13. Other Glandular and Metabolic Diseases.....	453	397
GROUP IV—Diseases of the Blood and Blood-Forming Organs.....	443	404
14. Anemias.....	217	209
15. Hemophilia.....	182	159
16. Other Diseases of the Blood and Blood-Forming Organs.....	41	36
GROUP V—Mental Disorders.....	15	95
17. Psychoses and Personality Disorders.....	1	74
18. Mental Retardation.....	14	21
GROUP VI—Diseases of the Nervous System and Sense Organs.....	8,520	15,288
19. Muscular Dystrophy.....	123	160
20. Cerebral Palsy.....	3,933	4,144
21. Epilepsy.....	365	310
22. Other Inflammatory Diseases of the Central Nervous System.....	608	638
23. Diseases of the Nerves and Peripheral Ganglia.....	77	95
24. Inflammatory Diseases of the Eye.....	777	7,191
25. Diseases of the Ear and Mastoid Process.....	2,637	2,750
GROUP VII—Diseases of the Circulatory System.....	772	910
26. Rheumatic Fever with Heart Involvement.....	408	426
27. Rheumatic Fever without Heart Involvement.....	149	184
28. Other Heart Diseases.....	92	156
29. Other Diseases of the Circulatory System.....	123	144
GROUP VIII—Diseases of the Respiratory System.....	524	475
30. Asthma.....	246	188
31. Hay Fever.....	242	154
32. Other Diseases of the Respiratory System.....	36	133
GROUP IX—Diseases of the Digestive System.....	132	369
33. Diseases of the Digestive System.....	132	369
GROUP X—Diseases of the Genitourinary System.....	271	330
34. Nephritis and Nephrosis.....	166	140
35. Other Diseases of the Genitourinary System.....	105	190
GROUP XII—Diseases of the Skin and Subcutaneous Tissue.....	695	819
36. Diseases of the Skin and Subcutaneous Tissue.....	695	819

TABLE IV—Concluded

DIAGNOSTIC GROUPS	June 30, 1971	June 30, 1970
GROUP XIII—Diseases of the Musculoskeletal System and Connective Tissue.....	10,116	12,480
37. Arthritis and Rheumatism, except Rheumatic Fever.....	411	444
38. Osteomyelitis and Periostitis.....	209	212
39. Osteochondrosis.....	981	1,012
40. Other Diseases of the Bone.....	136	151
41. Ankylosis of Joint.....	10	9
42. Other Diseases of Joint.....	254	265
43. Other Diseases of Musculoskeletal System.....	157	203
44. Curvature of Spine (Scoliosis, Kyphosis, Lordosis).....	666	729
45. Flat Foot Acquired.....	—	2,558
46. Other Deformities.....	7,292	6,906
GROUP XIV—Congenital Anomalies.....	21,792	21,036
47. Spina Bifida.....	988	1,024
48. Congenital Hydrocephalus.....	523	535
49. Other Congenital Anomalies of Nervous System.....	370	380
50. Congenital Anomalies of Heart.....	3,185	3,253
51. Other Congenital Anomalies of Circulatory System.....	418	335
52. Cleft Palate.....	1,163	1,181
53. Cleft Lip.....	672	717
54. Cleft Palate with Cleft Lip.....	1,568	1,621
55. Clubfoot, Congenital and Acquired.....	5,664	5,389
56. Congenital Dislocation of Hip.....	1,053	1,046
57. Congenital Absence or Deformity of Upper Limb.....	327	313
58. Congenital Absence or Deformity of Lower Limb.....	148	138
59. Other Congenital Anomalies.....	5,713	5,104
GROUP XV—Certain Causes of Perinatal Morbidity and Mortality.....	651	675
60. Birth Injuries Intracranial and Spinal, Erb's Palsy.....	412	442
61. Other Injuries and Diseases.....	239	233
GROUP XVI—Symptoms and Ill-Defined Conditions.....	692	1,518
62. Convulsions.....	455	381
63. Deferred, Ill-Defined, and Provisional Diagnosis.....	237	1,137
GROUP XVII—Accidents, Poisonings, and Violence.....	3,155	4,412
64. Burns.....	1,009	929
65. Fractures of Skull, Spine and Trunk.....	274	471
66. Fractures of Upper Limbs.....	173	407
67. Fractures of Lower Limbs.....	322	582
68. Dislocations without Fractures.....	77	99
69. Intracranial Injury Excluding those with Skull Fracture.....	159	260
70. Laceration and Open Wound of Head, Neck, and Trunk.....	248	377
71. Laceration and Open Wound of Upper Limb.....	135	333
72. Laceration and Open Wound of Lower Limb.....	—	61
73. Laceration and Open Wound of Multiple Location.....	4	5
74. Traumatic Amputation of Thumb, Finger(s), Arm and Hand.....	89	226
75. Traumatic Amputation of Toe(s), Foot, or Leg(s).....	195	193
76. Injury to Nerves and Spinal Cord.....	72	73
77. Other and Unspecified Injuries and Reactions.....	398	396

TABLE V—EXPENDITURES FOR WHICH THE DIVISION OF SERVICES TO CRIPPLED CHILDREN PROVIDED MEDICAL CARE AND TREATMENT FOR CRIPPLED CHILDREN

Leading Groups of Crippling Conditions of the Children Provided Medical Treatment During Fiscal Year 1970-1971	
Diseases of the Nervous System and Sense Organs.....	5,258
Congenital Anomalies.....	4,896
Diseases of the Musculoskeletal System & Connective Tissue	2,853
Accidents, Poisonings, and Violence.....	1,061
Neoplasms.....	399
Endocrine, Nutritional and Metabolic Diseases.....	374
Infective and Parasitic Diseases.....	224
All Others.....	1,540

Leading Crippling Conditions of the Children Provided Medical Treatment During Fiscal Year 1970-1971	
Clubfoot, Congenital and Acquired.....	1,486
Cerebral Palsy.....	1,264
Cleft Lip, Cleft Palate and Both.....	857
Congenital Anomalies of Heart.....	613
Flat Foot, Acquired.....	413
Curvature of Spine.....	292
Spina Bifida.....	290
Congenital Hip Dislocation.....	247

TABLE V—EXPENDITURES FOR WHICH THE DIVISION OF SERVICES TO CRIPPLED CHILDREN PROVIDED MEDICAL CARE AND TREATMENT FOR CRIPPLED CHILDREN

Showing Conditions Treated and Net Expenditures under the Crippled Children's Act in the Fiscal Year in which the Services were provided.

DEFINITION: A Crippled Child:

"A child whose activity is or may become: 1) so far restricted by defect or deformity of bones or muscles, or 2) the impairment of function thereof, as to reduce his or her normal capacity for education and self support." Act 158 of the P.A. of 1937 as amended.

DIAGNOSTIC GROUPS AND CONDITIONS	1970-71		1969-70	
	Cases	Expend.	Cases	Expend.
TOTAL—ALL DIAGNOSES	16,605	\$7,452,192.49	18,368	\$7,568,660.99
GROUP I—Infective and Parasitic Diseases	224	88,994.47	292	108,641.08
1. Poliomyelitis, Late Effects of	179	37,097.73	283	96,621.42
2. Tuberculosis of Bones and Joints	2	3,673.23	1	44.50
3. Tuberculosis of Bones and Joints, Late Effects of	43	48,223.51	8	11,975.16
GROUP II—Neoplasms	399	425,613.58	410	400,358.96
5. Malignant Neoplasms	132	130,402.30	118	114,572.07
6. Hodgkin's Disease	25	39,182.32	20	17,259.82
7. Leukemia	88	148,220.03	98	160,899.18
8. Other Malignant Neoplasms	11	4,807.32	17	12,643.21
9. Benign Neoplasms	143	103,000.81	157	95,004.68
GROUP III—Endocrine, Nutritional and Metabolic Diseases	374	304,925.27	351	267,266.26
10. Rickets, Active	5	854.53	5	4,803.23
11. Rickets, Late Effects of	12	4,174.04	17	9,169.52
12. Cystic Fibrosis	166	121,917.79	157	119,402.64
13. Other Glandular and Metabolic Diseases	191	177,978.91	172	133,890.87
GROUP IV—Diseases of the Blood and Blood-Forming Organs	131	161,224.05	148	133,477.78
14. Anemias	53	46,187.55	65	56,034.62
15. Hemophilia	64	87,948.77	69	73,225.86
16. Other Diseases of the Blood and Blood-Forming Organs	14	27,087.73	14	4,217.30
GROUP V—Mental Disorders	33	6,464.85	25	5,511.16
17. Psychoses and Personality Disorders	29	6,197.85	20	5,313.01
18. Mental Retardation	4	267.00	5	198.15
GROUP VI—Diseases of the Nervous System and Sense Organs	5,258	1,170,653.54	5,758	1,101,600.78
19. Muscular Dystrophy	55	28,310.41	62	36,854.08
20. Cerebral Palsy	1,264	382,360.97	1,224	362,771.55
21. Epilepsy	161	27,984.33	159	28,343.33
22. Other Inflammatory Diseases of the Central Nervous System	155	86,370.49	148	106,065.00
23. Diseases of the Nerves and Peripheral Ganglia	26	5,046.33	36	35,085.32
24. Inflammatory Diseases of the Eye	2,254	303,426.81	2,907	276,282.73
25. Diseases of the Ear and Mastoid Process	1,343	337,154.20	1,222	259,278.77
GROUP VII—Diseases of the Circulatory System	155	133,807.69	165	170,671.75
26. Rheumatic Fever with Heart Involvement	66	42,466.02	58	45,278.54
27. Rheumatic Fever without Heart Involvement	19	15,474.31	18	43,890.59
28. Other Heart Diseases	32	40,352.09	40	32,037.09
29. Other Diseases of the Circulatory System	38	35,515.27	49	40,465.53
GROUP VIII—Diseases of the Respiratory System	399	164,323.60	344	198,288.82
30. Asthma	127	93,223.29	121	111,465.06
31. Hay Fever	222	35,784.01	159	22,830.40
32. Other Diseases of the Respiratory System	50	35,316.30	64	63,993.36
GROUP IX—Diseases of the Digestive System	204	106,695.65	240	110,680.70
33. Diseases of the Digestive System	204	106,695.65	240	110,680.70

TABLE V—Concluded

DIAGNOSTIC GROUPS AND CONDITIONS	1970-71		1969-70	
	Cases	Expended	Cases	Expended
GROUP X—Diseases of the Genitourinary System.....	101	221,201.49	205	273,999.70
34. Nephritis and Nephrosis.....	81	102,834.89	85	174,306.47
35. Other Diseases of the Genitourinary System.....	97	118,366.60	120	99,613.23
GROUP XII—Diseases of the Skin and Subcutaneous Tissue.....	91	64,430.85	117	63,612.58
36. Diseases of the Skin and Subcutaneous Tissue.....	91	64,430.85	117	63,612.58
GROUP XIII—Diseases of the Musculoskeletal System and Connective Tissue.....	2,853	548,999.09	3,290	578,226.13
37. Arthritis and Rheumatism, except Rheumatic Fever	97	61,289.33	106	119,067.32
38. Osteoarthritis and Periostitis.....	38	63,051.61	47	32,850.06
39. Osteochondrosis.....	256	99,716.54	246	88,059.59
40. Other Diseases of the Bone.....	26	9,335.72	32	10,934.63
41. Ankylosis of Joint.....	3	74.50	5	2,168.06
42. Other Diseases of Joint.....	60	22,393.19	76	20,831.70
43. Other Diseases of Musculoskeletal System.....	52	42,427.90	69	32,483.93
44. Curvature of Spine (Scoliosis, Kyphosis, Lordosis).....	292	88,896.74	287	80,267.17
45. Flat Foot, Acquired.....	413	31,758.50	624	31,898.19
46. Other Deformities.....	1,616	130,055.66	1,798	159,665.48
GROUP XIV—Congenital Anomalies.....	4,896	2,554,033.39	5,132	2,194,108.55
47. Spina Bifida.....	290	287,032.73	265	187,415.27
48. Congenital Hydrocephalus.....	111	127,112.55	107	102,613.40
49. Other Congenital Anomalies of Nervous System.....	49	13,364.33	49	11,427.06
50. Congenital Anomalies of Heart.....	613	700,671.44	652	596,390.17
51. Other Congenital Anomalies of Circulatory System.....	104	112,692.21	118	125,624.10
52. Cleft Palate.....	260	86,049.16	236	69,083.15
53. Cleft Lip.....	76	32,870.69	89	30,620.60
54. Cleft Palate with Cleft Lip.....	521	240,520.93	483	225,450.40
55. Clubfoot, Congenital and Acquired.....	1,486	175,620.08	1,693	177,272.18
56. Congenital Dislocation of Hip.....	247	108,167.98	241	79,831.80
57. Congenital Absence or Deformity of Upper Limb.....	111	30,841.46	100	20,629.82
58. Congenital Absence or Deformity of Lower Limb.....	111	59,194.97	109	38,011.47
59. Other Congenital Anomalies.....	917	579,944.87	990	529,709.13
GROUP XV—Certain Causes of Perinatal Morbidity and Mortality.....	75	28,570.09	174	196,872.20
60. Birth Injuries Intracranial and Spinal, Erb's Palsy.....	46	11,469.51	125	20,826.13
61. Other Injuries and Diseases.....	29	17,100.58	49	176,046.07
GROUP XVI—Symptoms and Ill-Defined Conditions.....	268	59,301.70	472	81,083.01
62. Convulsions.....	146	20,968.46	166	50,038.09
63. Deferred, Ill-Defined and Provisional Diagnosis.....	122	30,333.24	306	31,044.92
GROUP XVII—Accidents, Poisonings, and Violence.....	1,061	1,412,902.58	1,245	1,681,081.53
64. Burns.....	254	492,996.47	259	430,500.68
65. Fractures of Skull, Spine and Trunk.....	144	419,207.64	193	546,791.37
66. Fractures of Upper Limbs.....	31	13,203.53	77	38,581.47
67. Fractures of Lower Limbs.....	103	93,527.33	161	169,224.69
68. Dislocations without Fractures.....	39	15,710.54	27	13,470.96
69. Intracranial Injury excluding those with Skull Fracture.....	73	105,930.77	87	135,616.26
70. Laceration and Open Wound of Head, Neck and Trunk.....	90	45,714.76	97	43,132.22
71. Laceration and Open Wound of Upper Limb.....	38	22,049.24	49	24,310.61
72. Laceration and Open Wound of Lower Limb.....	27	20,546.98	13	14,202.54
73. Laceration and Open Wound of Multiple Location.....	.....	.....	.....	.....
74. Traumatic Amputation of Thumb, Finger(s), Arm and Hand.....	41	14,150.42	35	16,053.18
75. Traumatic Amputation of Toe(s), Foot or Leg(s).....	106	52,547.59	93	80,949.17
76. Injury to Nerves and Spinal Cord.....	33	49,023.76	34	47,904.88
77. Other and Unspecified Injuries and Reactions.....	82	68,293.55	117	120,335.50

TABLE VI—EXPENDITURES FOR MEDICAL CARE AND TREATMENT PROVIDED CRIPPLED CHILDREN, BY COUNTY OF RESIDENCE

Reporting by appropriation year, the number of children in each county hospitalized, and showing on a county basis, the net expenditures made by the Division of Services to Crippled Children for Medical Care and Treatment, and the average expended per child. Data has been computed from invoices for the services provided within the period of each appropriation year, 1969-1970 and 1970-1971.

COUNTY	Crippled Children Provided Treatment		Care and Treatment Expenditure		Average Expended Per Child	
	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70
TOTALS.....	15,243	16,588	\$7,452,192.49	\$7,568,660.99	\$ 488.89	\$ 456.27
Alcona.....	18	17	28,531.87	11,347.35	1,505.10	667.49
Alger.....	32	36	5,702.26	14,803.31	178.20	411.20
Allegan.....	132	127	112,489.29	102,187.20	852.19	804.62
Alpena.....	121	135	29,749.63	81,391.25	245.86	602.90
Antrim.....	63	85	12,313.49	17,643.46	195.45	207.57
Are-nac.....	20	20	5,864.59	2,438.42	293.23	121.92
Buraga.....	50	68	20,888.14	12,922.19	417.76	190.03
Barry.....	85	94	47,652.51	53,093.94	560.62	586.11
Bay.....	200	229	68,924.27	141,879.80	344.62	619.56
Benzie.....	80	84	10,672.47	14,130.33	133.41	168.22
Berrien.....	369	312	202,677.68	158,065.74	549.26	462.18
Branch.....	97	79	44,033.62	33,136.43	453.95	419.45
Calhoun.....	354	389	155,799.75	155,298.87	440.11	399.23
Cass.....	85	97	39,399.49	59,461.68	463.52	613.01
Charlevoix.....	85	85	47,939.88	13,924.56	564.00	163.82
Cheboygan.....	68	79	35,185.62	34,482.75	517.44	436.49
Chippewa.....	66	88	26,844.49	43,273.15	406.73	491.74
Clare.....	93	101	75,706.43	24,659.61	814.05	244.15
Clinton.....	106	119	33,035.99	85,183.65	311.66	715.83
Crawford.....	39	45	10,230.08	8,487.07	262.31	188.60
Delta.....	122	166	88,048.74	61,703.08	721.71	371.71
Dickinson.....	60	64	11,806.99	16,403.03	196.78	256.31
Eaton.....	185	138	56,862.97	85,261.52	307.37	617.84
Emmet.....	77	70	31,014.66	35,933.10	402.79	513.33
Genesee.....	730	1,354	223,505.29	226,625.99	306.17	167.38
Gladwin.....	25	33	8,996.37	47,051.78	359.85	1,425.81
Gogebic.....	78	115	19,848.74	36,446.49	254.47	316.93
Grand Traverse.....	179	155	48,332.01	41,141.61	270.01	265.43
Gratiot.....	192	207	75,713.25	67,721.60	394.34	327.16
Hillsdale.....	79	88	34,680.45	38,865.70	438.99	441.66
Houghton.....	92	109	23,227.29	40,170.15	252.47	212.54
Huron.....	28	30	21,257.67	12,548.91	759.20	418.30
Ingham.....	862	889	342,272.43	417,485.50	397.07	469.61
Ionia.....	120	131	24,712.74	52,659.96	205.94	401.98
Iosco.....	43	34	11,264.20	21,795.44	261.96	641.04
Iron.....	37	45	8,970.06	19,300.13	242.43	428.89
Isabella.....	119	115	47,399.64	56,948.84	398.32	495.21
Jackson.....	382	432	172,845.38	214,658.53	452.47	496.89
Kalamazoo.....	456	455	209,090.52	198,141.74	458.53	435.48
Kalkaska.....	54	53	5,434.29	7,191.46	100.64	135.69
Kent.....	1,158	1,109	480,824.37	513,947.32	415.22	463.43
Keweenaw.....	5	4	2,342.41	4,181.75	468.48	1,045.44
Lake.....	91	140	29,672.31	10,833.59	326.07	77.38
Lapeer.....	58	59	33,867.23	30,039.50	583.92	509.14
Leelanau.....	44	53	5,039.72	5,945.67	114.54	112.18
Lennwee.....	142	152	54,744.33	134,501.27	305.52	884.88
Livingston.....	76	98	68,255.77	32,440.32	898.10	331.02
Luce.....	24	24	10,624.61	6,623.99	442.69	276.00
Mackinac.....	37	48	18,396.36	13,058.61	497.20	272.05
Macomb.....	324	387	174,730.10	191,215.76	539.29	494.10
Manistee.....	66	81	28,797.41	35,250.30	436.32	435.19
Marquette.....	96	134	38,196.30	48,835.18	397.88	364.44
Mason.....	95	102	26,058.47	19,546.46	274.30	191.65
Mecosta.....	69	78	30,599.71	27,351.17	443.47	350.66
Menominee.....	66	90	27,911.36	27,754.73	422.90	308.39

TABLE VI—Concluded

COUNTY	Crippled Children Provided Treatment		Care and Treatment Expenditure		Average Expended Per Child	
	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70
Midland.....	228	225	114,654.44	87,274.38	502.87	387.89
Missaukee.....	54	79	7,518.79	15,192.02	139.24	192.30
Monroe.....	157	178	94,192.74	72,865.07	599.95	409.35
Montcalm.....	170	182	42,602.80	40,592.99	250.60	223.04
Montmorency.....	24	20	12,593.52	10,853.93	524.73	512.70
Muskegon.....	508	605	143,869.92	153,394.18	244.68	253.54
Newaygo.....	110	115	45,400.96	61,507.79	412.74	534.85
Oakland.....	472	486	315,710.40	344,435.33	668.88	708.71
Oceana.....	55	72	40,892.94	35,408.88	743.51	491.79
Ogemaw.....	32	24	20,306.04	14,341.62	637.06	597.57
Ontonagon.....	39	67	5,080.70	6,277.06	130.27	93.69
Osceola.....	61	53	12,320.63	11,472.99	201.98	216.47
Oscoda.....	30	27	9,737.70	10,268.15	324.59	380.30
Otsego.....	46	49	11,244.34	9,055.63	244.44	184.81
Ottawa.....	224	198	62,585.44	75,012.21	279.40	376.85
Presque Isle.....	42	37	16,177.25	6,095.42	385.17	164.74
Roscommon.....	53	57	23,899.95	10,075.02	450.94	176.75
Saginaw.....	328	382	150,994.22	135,773.52	460.35	355.43
St. Clair.....	129	123	73,237.17	53,690.70	567.73	436.51
St. Joseph.....	83	72	46,094.37	38,842.92	555.35	539.49
Sanilac.....	41	27	26,150.59	44,143.89	637.82	1,634.96
Schoolcraft.....	14	26	13,306.40	10,082.83	956.89	387.80
Shiawassee.....	131	193	34,170.99	25,869.36	260.85	134.04
Tuscola.....	77	74	25,063.20	25,621.21	325.50	346.23
Van Buren.....	94	106	97,513.16	49,819.23	1,037.37	469.99
Washtenaw.....	219	220	130,780.30	109,342.11	597.17	497.01
Wayne.....	3,173	3,112	2,334,170.36	2,225,084.54	735.64	715.00
Wexford.....	135	138	32,767.47	16,874.27	242.72	122.28
Credits.....			1,602,892.72	1,317,030.73		
Gross Expenditures.....			9,055,085.21	8,885,691.72		
Net Expended Under Title V.....			3,172,573.57	3,566,096.59		
Net Expended Under Title XIX.....			4,279,618.92	4,002,564.40		

TABLE VII — TOTAL NET EXPENDITURES FOR MEDICAL CARE AND TREATMENT
PROVIDED CRIPPLED CHILDREN IN APPROVED HOSPITALS, CLINICS,
CONVALESCENT AND BOARDING HOMES

REPORTING: A) Number of children provided Medical Care and Treatment
in the respective hospitals or their out-patient departments; B) The number of
patient days; C) Net Expenditures for all Medical Care and Treatment, in-
cluding braces and appliances.

NAME OF INSTITUTION	(A) Number of Crippled Children Cases Provided Medical Care and Treatment		(B) Number of Patient Days Provided Crippled Children		(C) Net Expenditure for all Medical Care and Treatment Including Braces and Appliances	
	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70
Total—All Institutions.....	12,994	14,483	67,250	83,707	\$7,452,192.49	\$7,568,660.99
Total All Hospitals.....	12,891	14,390	63,804	79,805	7,404,524.18	7,523,291.10
Total All Custodial Care.....	2	2	604	730	9,664.00	11,749.00
Total All Boarding with Therapy Care.....	101	91	2,842	3,172	38,004.31	33,620.89
Albion Community.....	2	1	1	619	129.40	26.00
Alpena General.....	34	31	202	1,427	12,131.18	27,283.82
Bay Cliff.....	28	42	1,006	1,427	10,060.00	13,083.00
Beaumont, William.....	67	44	611	712	66,925.24	70,288.32
Bell, Francis A.....	8	11	19	33	2,155.09	4,110.17
Beyer Memorial.....	3	.....	33	.....	2,320.60	.....
Bixby, Erman L.....	9	15	70	159	4,421.36	7,904.95
Blodgett Memorial.....	571	617	1,599	2,375	155,142.56	224,593.20
Bloomfield Hills Nursing Center.....	2	2	604	730	9,664.00	11,749.00
Bon Secours.....	2	.....	2	.....	268.62	.....
Borgess.....	145	131	506	785	59,978.31	70,276.91
Bronson Methodist.....	307	323	1,552	2,538	154,126.17	162,347.00
Butterworth.....	695	676	2,299	2,611	179,608.03	216,577.96
Central Michigan Community.....	20	18	65	235	6,254.94	13,943.86
Central Michigan University Hearing.....	41	44	913	1,239	10,367.40	14,135.27
Children's.....	1,141	1,238	8,191	9,611	1,071,222.05	852,828.52
Chippewa County War Memorial Community—Battle Creek.....	10	5	7	51	2,556.57	3,822.31
Community Health Center.....	17	34	80	834	7,184.21	43,191.19
Cottage Hospital of Grosse Pte Farms.....	11	15	53	16	3,760.78	1,767.48
.....	.....	1	.....	1	.....	136.75
Crittenton General—Detroit.....	1	3	2	30	257.40	2,192.53
Crittenton General—Rochester.....	1	.....	2	.....	237.79	.....
Detroit General.....	153	174	3,059	4,702	293,371.38	372,573.59
Detroit Memorial.....	25	23	189	109	18,097.99	10,355.72
Detroit Orthopedic.....	814	668	.....	.....	69,154.71	57,499.72
Ferguson-Droste-Ferguson.....	7	6	9	13	1,884.87	1,144.06
Foote Memorial, W. A.....	37	84	178	347	12,332.17	19,154.90
Ford, Henry.....	473	604	3,005	4,035	352,955.38	446,293.02
General—Bay City.....	17	19	112	217	9,596.66	14,914.67
Grace.....	49	57	368	489	36,729.18	41,333.09
Grand Valley Nursing Center.....	4	.....	236	.....	6,883.78	.....
Grand View.....	.....	2	.....	8	.....	407.15
Hackley.....	486	499	496	734	69,612.34	78,686.25
Harper.....	46	53	430	571	33,022.33	55,116.51
Hillwood Park.....	22	26	127	113	13,929.30	9,933.28
Holland City.....	61	61	105	388	8,392.06	20,734.69
Holly Cross.....	7	4	68	4	6,055.97	792.15
Hurley.....	512	1,199	189	672	29,167.44	89,061.35
Ingham Medical.....	85	97	374	1,050	38,882.39	107,399.45
Kent Community.....	1	.....	260	.....	8,483.96	.....
Kirwood General.....	3	4	14	24	1,270.03	1,876.48
Lapeer County General.....	4	3	7	5	1,272.10	283.90
Little Traverse Hosp. Assoc.....	158	139	292	361	35,793.82	27,690.85
Mary Free Bed.....	474	515	5,525	6,632	357,258.24	340,568.61
Mc Laren General.....	97	81	77	104	13,890.36	13,484.50
Memorial—Monroe.....	1	3	2	6	306.37	429.40
Memorial—Owosso.....	15	10	17	9	2,904.95	1,827.08
Memorial—St. Joseph.....	134	113	106	106	17,191.22	10,121.73
Mercy—Bay City.....	52	130	250	689	19,389.22	42,820.23
Mercy—Benton Harbor.....	18	31	73	107	5,738.40	7,339.53

TABLE VII—Concluded

NAME OF INSTITUTION	(A) Number of Crippled Children Cases Provided Medical Care and Treatment		(B) Number of Patient Days Provided Crippled Children		(C) Net Expenditures for all Medical Care and Treatment Including Braces and Appliances	
	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70
Mercy—Cadillac.....	12	21	50	121	4,270.11	7,393.20
Mercy—Jackson.....	232	213	166	496	21,728.04	35,069.42
Mercy—Monroe.....	5	10	11	53	4,349.85	6,735.10
Mercy—Muskegon.....	15	16	40	99	4,378.68	6,700.92
Mercy—Port Huron.....	6	10	49	63	2,860.23	3,294.24
Metropolitan—Detroit.....	1	1	3	2	253.35	220.50
Midland Hospital Assoc.....	235	219	392	402	37,027.97	37,863.32
Mt. Carmel Mercy.....	64	62	613	566	47,975.58	37,222.08
Munson Medical Center.....	340	350	751	877	71,974.56	83,039.93
Oakwood.....	4	8	30	63	543.94	4,351.11
Outer Drive.....	2	2	35	7	2,956.01	637.83
Pawating.....	5	5	13	31	930.90	1,162.91
Plymouth Medical Facility.....	7	19	.....	.....	1,125.00	5,032.50
Pontine General.....	63	86	329	648	38,526.69	64,369.96
Port Huron.....	50	42	149	187	10,234.23	8,863.19
Post, Leila Y. Montgomery.....	115	122	572	517	55,335.83	44,676.38
Providineco.....	13	18	70	144	9,415.12	11,610.42
Rehabilitation Inst.....	61	67	1,865	2,014	127,034.65	147,199.95
Saginaw General.....	58	59	71	29	8,341.84	6,326.14
St. Francis—Escanaba.....	1	3	.....	.....	6.00	32.50
St. John.....	23	31	104	143	8,112.55	8,900.33
St. Joseph—Flint.....	20	24	119	182	12,324.13	17,053.40
St. Joseph—Hancock.....	1	4	.....	2	11.50	1,406.30
St. Joseph—Mt. Clemens.....	86	117	463	488	23,937.09	38,295.33
St. Joseph—Lloyd.....	3	4	13	6	113.77	1,234.60
St. Joseph Mercy—Ann Arbor.....	104	98	806	518	92,352.14	63,743.67
St. Joseph Mercy—Detroit.....	23	15	232	194	18,570.42	13,673.47
St. Joseph Mercy—Pontiac.....	75	89	236	543	25,536.03	53,417.02
St. Lawrence.....	43	47	354	433	28,109.10	36,123.89
St. Luke's—Marquette.....	534	734	845	1,318	83,950.48	116,192.22
Sr. Luke's—Saginaw.....	128	129	431	679	32,791.85	45,485.95
St. Mary's—Grand Rapids.....	340	368	887	1,361	95,772.63	91,868.64
St. Mary's—Livonia.....	2	2	2	5	186.97	264.75
St. Mary's—Marquette.....	5	6	203	23	10,407.06	2,064.15
St. Mary's—Saginaw.....	65	51	554	676	45,244.62	50,892.58
Shady Trails.....	18	15	687	506	10,693.13	6,402.62
Simi.....	126	156	408	224	49,177.41	33,498.56
South Haven.....	6	1	28	26	8,214.63	1,644.35
South Macomb.....	1	2	41	10	1,447.94	374.16
Southwestern Region Rehab.....	1	2	71	7	3,115.57	1,020.63
Sparrow, Edward W.....	575	551	2,299	2,801	204,461.85	216,650.60
University.....	2,326	2,520	17,533	16,822	1,737,933.26	1,645,210.63
Wayne County General.....	101	136	1,102	1,281	101,142.55	83,691.09
Wyandotte General.....	13	19	53	131	5,508.06	7,716.25
Other Hospitals—Limited Approval.....	163	140	1,182	1,445	116,878.77	100,511.94
Orthodontia Examinations and Treatment.....	607	521	.....	.....	165,363.07	133,966.28
Braces and Appliances, Drugs.....	5,690	6,011	.....	.....	558,794.03	494,164.85
Hearing and Speech Therapy.....	627	548	.....	.....	26,048.60	24,140.50
Hearing Aids and Repairs.....	876	652	.....	.....	221,046.70	152,356.31
Eye Examinations and Glasses.....	1,856	2,586	.....	.....	57,031.10	73,082.89
Miscellaneous Services.....	749	658	.....	.....	36,208.58	29,761.28

TABLE VIII—IN-PATIENT EXPENDITURES FOR MEDICAL CARE AND TREATMENT PROVIDED CRIPPLED CHILDREN IN APPROVED HOSPITALS
IN MICHIGAN

Report of the net expenditures under the Crippled Children's Act of 1937 as amended, for the services provided Crippled Children while in-patients in the respective hospitals during the fiscal years 1969-1970 and 1970-1971. A) For In-Patient services provided by the respective hospitals; B) For braces and appliances provided to children while in-patients in respective hospitals; and, C) For Professional Services to children while in-patients in respective hospitals.

Note: See Table IX for Out-Patient Services in respective hospitals

NAME OF INSTITUTION	(A) Hospital Services		(B) Braces and Appliances		(C) Professional Services	
	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70
TOTAL—All Institutions	\$5,186.69	27	\$5,286,782.19	\$ 29,765.17	\$ 28,150.39	\$437,961.91
Total All Hospitals.....	5,139,030.96	5,241,412.30	29,765.17	28,150.39	437,911.91	682,648.53
Total All Residential Care.....	9,661.00	11,759.00	.....	.....	50.00	682,648.53
Total All Boarding with Therapists.....	37,951.31	33,630.89	.....	.....	.....	.....
Albion Community.....	50.90	.....	.....	.....	.....	.....
Alpena General.....	9,313.93	21,513.32	.....	.....	1,734.50	2,382.00
Bay Cliff.....	10,060.00	13,083.00	.....	.....	5,807.50	5,364.00
Beaumont, William.....	57,669.49	63,003.07	.....	.....	913.00	1,200.00
Bell, Francis A.....	1,342.09	2,910.17	.....	.....	.....	.....
Beyer Memorial.....	2,320.60	.....	.....	25.60	36,837.89	602.90
Bixby, Emma L.....	3,470.36	6,303.90	.....	.....	.....	55,793.76
Bledsoe, Memorial.....	93,632.19	14,311.36	.....	.....	.....	.....
Elmwood Hills Nursing Center.....	9,664.00	11,749.00	.....	.....	.....	.....
Bon Secours.....	263.12	.....	.....	.....	.....	.....
Borgess.....	43,477.76	54,129.11	.....	.....	7,887.25	7,847.00
Bronson Methodist.....	106,846.91	125,208.14	.....	.....	19,543.75	23,617.85
Butterworth.....	115,557.64	136,910.54	.....	6.00	36,928.00	54,270.59
Central Michigan Community Hearing.....	4,294.94	12,158.11	.....	.....	1,736.50	1,633.00
Central Michigan University Hearing.....	10,367.40	14,135.27	.....	.....	.....	.....
Children's.....	920,307.94	707,093.32	.....	.....	96,099.85	98,430.10
Chippewa County War Memorial.....	381.07	1,772.31	.....	.....	97.50	.....
Community Health Center.....	6,182.96	3,469.69	.....	.....	910.25	3,109.50
Cottage Hospital of Grosse Ile, Farris.....	2,346.78	1,113.23	.....	.....	1,050.00	441.00
.....	.....	136.75	.....	.....	.....	.....
Crittenton General—Detroit.....	257.40	2,192.53	.....	.....	4.00	.....
Crittenton General—Rochester.....	237.79	372.568.59	.....	.....	200.00	550.00
Detroit General.....	293,367.38	17,897.99	8,911.22	.....	.....	.....
Detroit Memorial.....	.....	.....	.....	.....	.....	.....
Detroit Orthopedic.....	.....	.....	.....	.....	.....	.....

TABLE VIII—Concluded

NAME OF INSTITUTION	(A) Hospital Services		(B) Braces and Appliances		(C) Professional Services	
	1970-71	1969-70	1970-71	1969-70	1970-71	1969-70
Ferguson-Drost-Ferguson.....	752.42	831.42	.....	.....	931.00	284.00
Foot, Memorial, W. A.....	9,206.67	13,489.72	.....	.....	2,141.00	3,860.00
Ford, Henry.....	271,051.74	335,896.93	.....	100.00	59,770.56	80,153.05
General—Bay City.....	7,511.16	11,902.67	.....	.....	2,003.50	2,977.00
Grace.....	35,415.18	37,928.09	.....	15.00	1,314.00	3,390.00
Grand Valley Nursing Center.....	6,833.78	.....	407.15	.....	50.00	.....
Grand View.....	30,904.65	38,389.16	85.00	115.00	7,111.92	10,611.75
Hackley.....	30,429.83	49,267.51	.....	.....	2,145.00	5,393.00
Harper.....	13,754.30	9,902.28	.....	.....	175.00	.....
Highland Park.....	.....	.....	.....	.....	.....	.....
Hollind City.....	5,173.27	16,396.76	.....	.....	1,059.50	2,682.87
Holly Cross.....	5,855.97	792.15	.....	.....	200.00	.....
Harley.....	10,765.62	50,545.12	.....	.....	5,021.00	7,600.40
Ingham Medical.....	29,181.06	83,806.05	.....	.....	7,297.57	20,405.15
Kent Community.....	8,483.96	.....	.....	.....	.....	.....
Kirwood General.....	1,270.93	1,876.48	.....	.....	616.00	.....
Lapeer County General.....	657.10	277.90	.....	.....	6,519.00	4,988.50
Little Traverse Hospital Association.....	20,492.62	15,697.30	.....	.....	7,124.80	11,042.00
Mary Free Bed.....	314,869.44	298,516.78	23,819.25	25,213.04	957.40	1,896.75
McLaren General.....	8,583.36	8,327.25	.....	.....	.....	.....
Memorial—Monroe.....	306.37	429.40	.....	.....	1,620.00	1,050.00
Memorial—Owosso.....	1,145.95	659.58	.....	.....	3,225.00	1,159.00
Memorial—St. Joseph.....	9,554.90	5,844.98	.....	.....	1,584.00	4,592.00
Mercy—Bay City Huron.....	17,083.07	35,906.22	.....	.....	1,135.00	2,010.00
Mercy—Benton Harbor.....	4,290.40	4,770.43	.....	.....	.....	.....
Mercy—Cudillac.....	3,101.51	6,223.20	.....	.....	1,144.00	1,155.00
Mercy—Jackson.....	10,958.04	21,108.62	.....	.....	2,307.00	5,385.50
Mercy—Monroe.....	2,558.10	5,079.10	.....	.....	1,155.00	262.50
Mercy—Muskegon.....	2,858.68	5,617.07	.....	.....	1,059.00	1,059.00
Mercy—Port Huron.....	2,472.23	3,062.24	.....	.....	315.00	212.00
Metropolitan—Detroit.....	253.35	220.50	.....	.....	.....	.....
Midland Hospital Association.....	21,083.47	22,372.62	.....	44.25	3,977.00	5,762.50
Mt. Carmel Mercy.....	42,329.18	31,577.73	.....	.....	1,507.00	1,390.00
Munson Medical Center.....	42,446.81	51,650.36	550.45	415.50	16,252.20	16,247.87
Oakwood.....	612.24	4,024.36	.....	.....	233.00	14.70

Outer Drive.....	2,956.01	637.83	.....	.....
Pawating—Plymouth Medical Facility.....	551.90	909.91	.....	5,632.50
Pontiac General.....	32,218.19	50,162.76	.....	10,263.50
Port Huron.....	7,995.48	8,223.69	.....	172.00
Post, Leila Y. Montgomery.....	42,421.48	32,811.18	.....	4,260.85
Providence.....	123,425.40	11,106.52	.....	200.00
Rehabilitation Institute.....	5,210.84	145,421.74	8.00	1,115.00
Saginaw General.....	.....	2,681.32	.....	1,032.60
St. Francis—Escanaba.....	.....	.....	.....	.....
St. John.....	7,340.55	8,580.08	.....	528.00
St. Joseph—Flint.....	8,673.44	11,810.90	10.95	3,595.30
St. Joseph—Hancock.....	.....	181.30	.....	150.00
St. Joseph—Mt. Clemens.....	18,631.34	29,524.08	.....	6,120.00
St. Joseph—Lloyd.....	(56.23)	428.60	.....	600.00
St. Joseph—Ann Arbor.....	78,728.97	43,093.37	.....	12,356.92
St. Joseph—Mercury—Detroit.....	16,355.92	15,263.47	.....	2,205.50
St. Joseph—Mercury—Pontiac.....	20,748.06	42,063.07	.....	1,400.00
St. Joseph—Pontiac.....	25,483.10	28,538.49	.....	8,661.00
St. Lawrence.....	53,979.31	71,171.37	.....	7,484.00
St. Luke's—Marquette.....	.....	.....	.....	18,780.75
St. Luke's—Saginaw.....	22,077.93	35,512.43	7.02	7,523.50
St. Mary's—Grand Rapids.....	67,759.38	56,351.62	.....	18,465.60
St. Mary's—Livonia.....	126.97	204.75	.....	20,163.60
St. Mary's—Marquette.....	9,599.06	1,709.65	.....	311.30
St. Mary's—Saginaw.....	39,145.32	45,526.13	.....	5,037.45
Shady Trails.....	10,693.13	6,402.62	.....	.....
Sinai.....	37,845.41	18,625.06	.....	1,998.00
South Haven.....	2,066.73	1,604.35	.....	40.00
South Macomb.....	1,447.94	374.16	.....	.....
Southwestern Region Rehabilitation.....	3,059.07	878.13	56.50	135.00
Sparrow, Edward W.....	1,499.816.42	149,920.54	.....	30,241.59
University.....	1,991,613.35	1,388,832.31	.....	16,704.49
Wayne County General.....	1,709.06	6,059.05	5.00	325.00
Wyandotte General.....	106,246.30	82,528.36	.....	911.20
Other Hospitals, Limited Approval.....	.....	.....	3,851.27	8,560.39
Orthodontic Examinations and Treatment.....	.....	.....	.....	.....
Braces and Appliances, Drugs.....	.....	.....	.....	.....
Hearing and Speech Therapy.....	.....	.....	.....	.....
Hearing Aids and Repairs.....	.....	.....	.....	.....
Eye Examinations and Glasses.....	.....	.....	.....	.....

TABLE IX.—EXPENDITURES FOR MEDICAL CARE AND TREATMENT PROVIDED CRIPPLED CHILDREN IN OUT-PATIENT DEPARTMENTS OF APPROVED HOSPITALS IN MICHIGAN

Report of the net expenditures under the Crippled Children's Act of 1937 as amended, for services provided Crippled Children in the Out-Patient Department of the respective hospitals during the fiscal years 1969-1970 and 1970-1971. A) For Out-Patient services provided by the respective hospitals; B) For braces and appliances provided to children while out-patients in respective hospitals; and, C) for Professional Services to children while out-patients in respective hospitals.

Note: See Table VIII for In-Patient Services in the respective hospitals.

NAME OF INSTITUTION	(A) Out-Patient Department Services		(B) Braces and Appliances		(C) Professional Services	
	Number of Clinic Visits 1970-71	Expenditures 1969-70	1970-71	Expenditures 1969-70	1970-71	Expenditures 1969-70
TOTAL—All Institutions.....	25,899	26,706	\$569,349.80	\$81,721.50	\$367,200.98	\$359,230.99
Total All Hospitals.....	25,899	26,706	\$569,349.80	\$81,721.50	\$367,200.98	\$359,230.99
Total All Custodial Care.....						
Total All Boarding with Therapy.....						
Albion Community.....	1	15	68.50	26.00	16.00	16.00
Alpena General.....	35	77	827.50	233.00	233.10	125.00
Bay Cliff.....						
Beaumont, William.....	135		3,035.25	1,669.25	413.00	252.00
Bell, Francis A.....						
Beyer Memorial.....						
Birby, Emma L.....						
Bledgett Memorial.....						
Bloomfield Hills Nursing Center.....	1,215	1,264	14,612.03	13,900.03	325.00	10,060.45
Bon Secours.....						
Borgess.....	230	281	5,278.55	5,192.80	3,226.75	3,108.00
Bronson, Methodist.....	707	640	23,005.31	9,449.34	4,680.85	4,041.67
Butterworth.....	2,612	2,406	18,214.89	16,620.78	8,237.50	8,762.05
Central Michigan Community.....		2	163.50	132.75		
Central Michigan University Hearing.....						
Children's.....	2,579	2,536	39,847.26	31,598.05	424.00	14,965.50
Chippewa County War Memorial.....			2,053.00	2,050.00		15,283.05
Community—Battle Creek.....		4	72.75			22.00
Community Health Center.....		1	115.00	147.25		12.00
Cottage Hospital of Grose Pie Farms.....						66.00

Crittenton General—Detroit	1	50,613.66	5.00	18,241.00	14,737.50
Crittenton General—Rochester		42,449.37	300.05	282.85	
Detroit General		83	864.50		
Detroit Memorial		4	1,063.18		
Detroit Orthopedic		7,390.71	13,002.20		
Ferguson-Drosté-Ferguson		52.00	35.00		
Foote Memorial, W. A.					
Ford, Henry					
General—Bay City					
Grice					
Grand Valley Nursing Center					
Grand View					
Hackley					
Harper					
Highland Park					
Holland City					
Holy Cross					
Hurley					
Ingham Medical					
Kent Community					
Kirkwood General					
Lapeer County General					
Little Traverse Hospital Association					
Mary Free Bed					
Mc Laren General					
Memorial—Monroe					
Memorial—Owosso					
Memorial—St. Joseph					
Mercy—Bays City					
Mercy—Benton Harbor					
Mercy—Benton Harbor					
Mercy—Cadillac					
Mercy—Jackson					
Mercy—Monroe					
Mercy—Muskegon					
Mercy—Port Huron					
Metropolitan—Detroit					
Miracle Hospital Association					
Mc Carnell Hospital					
Munson Medical Center					
Oakwood					
Outer Drive					
Pawtucket Medical Facility					
Plymouth General					
Port Huron					

TABLE IX—Concluded

NAME OF INSTITUTION	Out-Patient Department Services (A)			Braces and Appliances (B)			Professional Services (C)		
	Number of Clinic Visits 1970-71	1969-70 1970-71	Expenditures 1970-71	Number of Clinic Visits 1970-71	1969-70 1970-71	Expenditures 1970-71	Number of Clinic Visits 1970-71	1969-70 1970-71	Expenditures 1970-71
Poet, Leila Y. Montgomery Providence	330	369	5,959.10	4,672.10	2,00	1,848.25	2,900.25		
Rehabilitation Institute	92	93	5,441.00	107.00	35.00	35.00	117.00		
Saginaw General	81	101	2,714.50	2,251.21	277.75	297.00	50.00	60.00	
St. Francis—Escanaba	81	1	591.50	965.22	6.50	1,873.00	1,660.50		
St. John's	13	51	6.00	32.50	.....	.....	.....	.....	.....
St. Joseph—Flint	1	1	244.00	306.25	.....	.....	14.00		
St. Joseph—Hancock	1	1	29.74	6.00	.....	.....	15.00	10.00	
St. Joseph—McCormick	125	166	1.1	1.02	.....	.....	1.26	1.50	
St. Joseph—Lloyd	1	1	828.25	1,293.75	.....	.....	6.50	.....
St. Joseph Mercy—Ann Arbor	15	14	468.50	1,083.30	6.00	757.75	1,030.00		
St. Joseph Mercy—Detroit	1	1	11.00	.....	9.45	5.00	.....	425.00	
St. Lawrence	98	76	1,031.47	1,348.50	.....	.....	117.00	.....
St. Luke's—Marquette	1	1	715.00	91.40	.....	.....	7,506.37	12,128.75	
St. Luke's—Saginaw	1,162	1,590	10,800.05	14,111.35	.....	.....	.....	.....
St. Mary's—Grand Rapids	202	153	2,167.40	1,578.00	4.50	16.02	1,477.00	856.00	
St. Mary's—Livonia	588	694	7,381.90	8,383.42	.....	.....	6.90	6.90	
St. Mary's—Marquette	.....	.....	.....	.....	.....	.....	60.00	.....
St. Mary's—Saginaw	38	18	260.00	43.50	.....	.....	.....	.....
Shady Trails	90	140	1,349.00	1,794.50	350.00	.....	29.00	90.00	
Small Haven	110	110	5,314.90	.....	7.50	.....	7,665.00	9,084.00	
South Macomb	.....	1	.....	.....	.....	.....	595.00	.....
Southwestern Region Rehabilitation	.....	1	.....	.....	.....	.....	.....	.....
Sparrow, Edward W.	1,219	1,297	14,512.79	15,201.58	7.90	4,819.99	10,807.15	9,723.75	
University	6,195	5,969	165,458.74	139,883.65	55,107.31	59,792.26	15.00	50.00	
Wayne County General	142	218	1,653.20	1,835.00	.....	.....	25.00	28.50	
Wyandotte General	.....	.....	507.00	677.50	.....	.....	43.00	348.25	
Other Hospitals, Limited Approval	61	71	6,281.95	8,991.60	53.25	80.34	.....	.....
Orthodontia, Examinations and Treatment	.....	.....	.....	.....	.....	.....	165,533.07	133,966.28	
Braces and Appliances, Drugs	.....	.....	70,590.71	61,683.91	432,480.94	432,480.94	150.00	420.00	
Hearing and Speech Therapy	18	2	25,469.60	23,887.50	159.00	152,356.31	221,016.70	103.00	
Hearing Aids and Repairs	.....	.....	39.60	38.20	29,822.65	30,485.69	27,168.85	42,519.00	
Eye Examinations and Glasses	.....	.....	7,301.50	11,361.44	.....	.....	28,907.08	18,399.84	
Miscellaneous Services	.....	.....	.....	.....	.....	.....	.....	.....

TABLE X—EXPENDITURES FOR ORTHOPEDIC APPLIANCES, PROSTHETIC DEVICES, AND
BRACES FOR CRIPPLED CHILDREN, AN ESSENTIAL PART OF THEIR TREATMENT

TYPE OF APPLIANCE	1970-71		1969-70	
	Number	Expended	Number	Expended
TOTAL.....	24,470	\$841,030.53	25,819	\$723,277.78
Prostheses and Terminal Devices, Upper.....	93	22,120.51	51	10,898.60
Prostheses, Lower.....	118	54,965.36	139	41,245.20
Braces: Arm, Shoulder.....	59	1,804.00	44	1,869.95
Braces: Leg, Hip.....	6,623	235,458.83	6,472	227,105.77
Braces: Neck, Spinal.....	405	56,294.24	353	38,495.63
Braces: Special and Miscellaneous.....	586	13,638.13	349	15,793.34
Walkers, Wheelchairs, Crutches and Other Invalid Aids.....	578	59,957.84	686	53,335.23
Hearing Aids.....	670	207,591.32	570	142,906.32
Parts and Repairs to Hearing Aids.....	710	13,757.38	610	9,475.24
Glasses, Contact lens and Repairs to Glasses.....	1,909	25,974.53	2,454	28,885.19
Appliances, Other.....	129	8,265.89	101	5,320.62
Shoes.....	4,944	83,703.70	5,923	95,213.70
Shoe Modifications, Wedges, etc.....	5,058	27,498.42	5,870	27,996.98
Repairs, Services and Adjustments — All Ap- pliances.....	2,588	29,997.38	2,197	24,736.11

TABLE XI—COMPARATIVE ANALYSIS OF TWENTY YEARS OF HOSPITAL SERVICE TO CRIPPLED CHILDREN UNDER THE CRIPPLED CHILDREN'S ACT

Reporting: Number of children provided Medical Care and Treatment in approved hospitals and hospital out-patient departments; Amount expended for Services in hospitals; Amount expended for Professional Services; Amount expended for Appliances and Braces; Total Expenditures; Total In-Patient Days; Average Days per child; and Average Expended per child.

Fiscal Year	Number of Children	Expended for Hospitals	Expended for Professional Services	Expended for Braces and Appliances	Total All Expenditures	Total In-Patient Days	Average Days per Child	Expended per Child
1951-52	5,480	\$ 807,739.73	\$ 139,289.45	\$135,583.24	\$1,142,572.42	74,482	13.6	208.50
1952-53	5,423	727,200.00	126,108.84	149,980.76	1,003,289.60	57,232	10.6	185.01
1953-54	5,451	697,493.68	129,988.00	163,709.77	991,101.43	51,633	9.5	181.84
1954-55	5,017	865,303.56	151,010.78	173,358.79	1,189,739.13	57,031	10.2	211.81
1955-56	5,701	1,000,845.26	146,933.01	181,411.64	1,329,189.91	60,511	10.6	233.15
1956-57	6,153	909,000.18	177,706.99	201,501.81	1,349,288.98	54,352	8.8	210.29
1957-58	6,907	957,049.48	174,228.22	233,143.87	1,354,421.57	51,621	7.5	196.09
1958-59	7,359	1,054,705.16	198,919.98	224,028.86	1,487,634.00	55,374	7.5	199.44
1959-60	7,358	1,150,311.42	194,310.23	230,736.79	1,581,358.44	53,084	7.2	214.02
1960-61	7,031	1,413,934.71	200,787.37	256,371.05	1,931,093.73	55,713	7.0	243.40
1961-62	8,507	1,570,367.03	200,400.43	282,077.28	2,143,843.74	60,642	7.1	252.01
1962-63	8,321	1,496,138.66	264,897.96	251,711.96	2,042,738.58	57,254	6.9	245.40
1963-64	8,536	1,842,491.00	308,432.01	282,822.51	2,433,766.12	58,514	0.9	285.12
1964-65	9,612	2,345,066.48	397,464.30	321,123.72	3,064,551.50	69,097	7.3	317.83
1965-66	11,222	2,080,269.50	453,355.57	393,791.60	3,836,416.76	77,108	6.9	341.87
1966-67	12,588	3,295,452.04	531,080.21	501,451.50	4,327,983.81	75,633	6.0	343.82
1967-68	13,271	4,500,107.83	659,278.75	510,194.99	5,699,641.57	77,104	5.8	429.48
1968-69	16,041	6,459,500.10	921,807.74	744,300.13	8,125,073.97	91,316	5.7	500.56
1969-70	16,503	5,803,503.60	1,011,870.52	723,277.78	7,568,600.99	83,707	5.1	458.62
1970-71	15,073	5,755,999.07	855,162.89	811,030.53	7,152,192.49	67,250	4.5	494.41

Note: Expenditures for 1951-52 through 1968-69 are gross expenditures.

Expenditures beginning with 1969-70 are net expenditures after insurance and other benefits have been applied.